

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Peptide corresponding to the formula (I)

W-Lys-Asp-Val-Z (I) (SEQ ID NO. 1-2)

or its peptide conjugate corresponding to the formula (II)

A-W-Lys-Asp-Val-Z (II) (SEQ ID NO. 3-4)

in which

A represents the radical corresponding to

- a monocarboxylic acid of general formula (III)

HOOC-R (III)

in which

R represents a C1-C24 aliphatic radical, linear or branched, possibly substituted by a hydroxy group, capable of including one or more unsaturations,

- lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine, or retinoic acid,

and W represents

Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp, Arg or a bond,

when Z represents

Tyr-Val-Gln-Leu-Tyr-NH₂ (SEQ ID NO: 12), Leu-DOPA, DOPA-NH₂, or

HomoPhe-NH₂,

or W represents

Gly-Gln-Gln or Glu-Gln,

when Z represents

Tyr-Val-Gln-Leu-Tyr-NH₂ (SEQ ID NO: 12), Leu-DOPA, Val-

Tyr-OH, Val-Tyr-NH₂,

Tyr-NH₂, Tyr-OH, DOPA-NH₂, or HomoPhe-NH₂,

in the form of enantiomers or diastereomers, as well as their mixtures, including racemic mixtures, the peptide of formula (I) and

the peptide conjugate of formula (II) which can be present in the form of complexes with zinc.

2. (Previously Presented) Peptide or peptide conjugate according to claim 1, wherein the acid of general formula (III) is an omega-3 acid chosen among α -linolenic acid, cervonic acid, timnodonic acid, and pinolenic acid, or an aliphatic C1-C24 radical chosen among acetic acid, myristic acid, palmitic acid hydroxydecenoic and decenoic acids, or an acid chosen among lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine, or retinoic acid.
3. (Previously Presented) Peptide or conjugate according to claim 2, wherein A is selected among lipoic acid and acetic acid.
4. (Previously Presented) Peptide conjugate according to claim 1, wherein it is selected among
 - 1- A-Arg-Lys-Asp-Val-DHomoPhe-NH₂
 - 2- A-Arg-Lys-Asp-Val-HomoPhe-NH₂ (SEQ ID NO. 5)
 - 3- A-Lys-Asp-Val-DOPA-NH₂ (SEQ ID NO. 6)
 - 4- A-DLys-Asp-Val-DOPA-NH₂
 - 5- A-Arg-Lys-Asp-Val-DOPA-NH₂ (SEQ ID NO. 7)A being an acid of general formula (III) such as defined in claim 1.
5. (Previously Presented) Cosmetic or pharmaceutical compound wherein it contains a peptide or a conjugate according to claim 1.
6. (original) Cosmetic or dermatological compound according to claim 5, wherein it is intended for topical application.

7. (canceled)

8. (Previously Presented) The method of preventive and curative treatment of alopecia comprising the administration of an effective amount of a peptide or peptide conjugate according to claim 1 to a patient in need thereof.

9. (canceled)

10. (canceled)

11. (Previously Presented) Cosmetic compound according to claim 5, wherein it contains in addition a compound that improves hair growth, selected among minoxidil, nicotinic acid esters, anti-inflammatory agents, retinoic acid or its derivatives, retinol, or 5 α -reductase inhibitors.

12. (Previously Presented) Cosmetic compound according to claim 5, wherein it contains in addition a peptide corresponding to the general formula (I)

X-Gly-His-Lys-Y (I) (SEQ ID NO. 8-9)

or its conjugate corresponding to the general formula (II)

A-X-Gly-His-Lys-Y (II) (SEQ ID NO. 10-11)

in which

A is such as defined in claim 1,

X represents a chain of 1 to 3 Lys residues, possibly methylated or,

in

the case of the formula (II), a bond,

Y represents an -OH or -NH₂ group,

or A-X represents a hydrogen atom,

in the form of enantiomers of diastereomers, as well as their mixtures, including racemic mixtures and complexes with zinc which can be formed with these peptides or peptide conjugates.

13. (Previously Presented) Cosmetic compound according to claim 5, wherein it contains a UVB filter chosen among: P-aminobenzoic acid or PABA and its esters; the cinnamates; the Salicylates; the benzimidazoles; the benzylidene camphor derivatives ; and the triazines.

14. (Previously Presented) Cosmetic treatment method to combat hair loss wherein it includes the application on the scalp of a patient in need thereof of a cosmetic compound according to claim 5.

15. (Previously Presented) Food supplement wherein it contains a peptide or a peptide conjugate according to claim 1, as well as, possibly, a compound that improves hair growth such as defined in claims 11 or 12.

16. (Previously Presented) Cosmetic treatment method to combat hair loss wherein it includes the administration via the oral route to a patient in need thereof of a food supplement that includes a peptide or a peptide conjugate according to claim 1, as well as, possibly, a compound that improves hair growth such as defined in claims 11 or 12.